

Delaware Department of Transportation
Approved Project Notes for Project Development Projects
Projects Using 2001 Standard Specifications

Contents

Division 100 – General Provisions.....	2
Division 200 – Earthwork	5
Division 300 – Bases.....	8
Division 400 – Bituminous Pavements.....	11
Division 600 – Structures	12
Division 700 – Miscellaneous Construction	13
Division 900 – Erosion, Sediment and Stormwater Management Practices	16
Miscellaneous Notes.....	17

This document contains the latest set of approved project notes for use within the Construction Plan documents that are generated either by or on behalf of the Delaware Department of Transportation. These notes should not be modified from their original format/content without first consulting with the DeIDOT Project Manager and or Design Resource Engineer.

Any comments, questions or concerns regarding the content of this document should be brought to the attention of:

Michael Nauman, P.E.
Design Resource Engineer – Project Development, North
800 Bay Road
Dover, DE 19903
(302)760-2218
michael.nauman@state.de.us

Delaware Department of Transportation
Approved Project Notes for Project Development Projects
Projects Using 2001 Standard Specifications

Division 100 – General Provisions

~~THE STORAGE OF CONSTRUCTION EQUIPMENT AND MATERIAL WILL NOT BE ALLOWED IMMEDIATELY ADJACENT TO RESIDENTIAL DWELLING OR COMMERCIAL BUILDING UNLESS PERMISSION IS GRANTED BY THE PROPERTY OWNER. LOCATION OF STORAGE AND LAY DOWN AREAS IS THE CONTRACTORS RESPONSIBILITY, SUBJECT TO THE APPROVAL OF THE ENGINEER.~~

This note has been deleted because it is partly covered by Section 106.07 of the Standard Specifications. The remainder of this note is too restrictive and should not be used.

~~THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AN AREA SUITABLE FOR STOCKPILING BORROW, TOPSOIL AND OTHER FILL MATERIAL REQUIRED FOR THE PROJECT IN ACCORDANCE WITH SECTIONS 110.07 AND 110.10 OF THE STANDARD SPECIFICATIONS. SUBJECT TO THE APPROVAL OF THE ENGINEER, STOCKPILE AREA MAY BE LOCATED OUTSIDE THE PROJECT LIMITS, IF NECESSARY. NO ADDITIONAL PAYMENT WILL OCCUR FOR OFFSITE STOCKPILING.~~

This note has been deleted because it has been incorporated into Section 110.07 and 110.10 of the Standard Specifications.

~~ROADSIDE AMENITIES WITHIN THE LIMITS OF CONSTRUCTION OR EASEMENT AREAS THAT ARE TO REMAIN IN PLACE AND ARE NOTED BY "DND" SHALL BE PROTECTED BY THE CONTRACTOR WITH SAFETY FENCE OR OTHER MEASURES. ANY DAMAGE TO THESE AMENITIES SHALL BE REPAIRED IN KIND AT THE CONTRACTORS EXPENSE. PAYMENT FOR SAFETY FENCE WILL BE MADE UNDER ITEM 727520 CONSTRUCTION SAFETY FENCE.~~

This note has been deleted because it has been incorporated into Section 201.03 and 201.10 of the Standard Specifications.

~~THE CONTRACTOR IS SOLELY RESPONSIBLE TO OBTAIN OFF-SITE SPOIL AREAS FOR DISPOSAL OF EXCESS AND/OR UNSUITABLE MATERIALS AS NECESSARY, IN ADDITION TO THE REQUIREMENTS OF SECTION 106.09 OF THE STANDARD SPECIFICATIONS. OFF-SITE SPOIL AREAS MUST BE SUBMITTED TO THE DEPARTMENT FOR REVIEW AND APPROVAL BY DELDOT AND THE STATE HISTORIC PRESERVATION OFFICE PRIOR TO UTILIZATION BY THE CONTRACTOR. NO AREAS DESIGNATED AS WETLANDS WILL BE PERMITTED FOR USE AS DISPOSAL SITES. THE DEPARTMENT WILL NOT CONSIDER ANY DELAYS OR MONETARY CLAIMS OF ANY NATURE RESULTING FROM THE CONTRACTORS FAILURE OR DIFFICULTY IN FINDING NECESSARY DISPOSAL SITES TO MEET THE TIME FRAMES AND CAPACITIES REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PLANS, PERMITS, EROSION AND SEDIMENT CONTROL MEASURES, ETC. REQUIRED BY THE APPROPRIATE REGULATORY AGENCIES FOR UTILIZING OFF-SITE SPOIL AREAS. THE CONTRACTOR SHALL CERTIFY TO THE ENGINEER THAT ALL REQUIRED PERMITS HAVE BEEN OBTAINED PRIOR TO UTILIZING THE OFF-SITE SPOIL AREAS. ALL COSTS FOR PROCURING AND UTILIZING THE OFF-SITE SPOIL AREAS ARE TO BE INCLUDED IN THE VARIOUS CONTRACT ITEMS GENERATING THE SPOIL MATERIALS. THIS NOTE SHALL ALSO APPLY TO EXISTING SUITABLE MATERIAL TO BE STOCKPILED EITHER ON-SITE OR OFF-SITE.~~

This note has been deleted because it has been incorporated into Section 106.09 of the Standard Specifications.

Delaware Department of Transportation
Approved Project Notes for Project Development Projects
Projects Using 2001 Standard Specifications

ANY DAMAGE TO ITEMS NOTED TO BE RELOCATED OR RESET BY THE CONTRACTOR, AT THE DISCRETION OF THE ENGINEER, SHALL BE REPAIRED AND/OR REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.

Approved for use.

~~ALL FIRE HYDRANTS WITHIN THE LIMITS OF CONSTRUCTION SHALL REMAIN ACCESSIBLE AND OPERATIONAL AT ALL TIMES. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT THE FINISHED GRADE AROUND EACH HYDRANT MAINTAINS A MINIMUM OF 18 INCHES FROM THE FINISHED GRADE TO THE HORIZONTAL VALVE ON THE HYDRANT.~~

This note has been deleted because it has been incorporated into Section 107.04 of the Standard Specifications.

~~UNLESS OTHERWISE NOTED ON THE PLANS, THE CONTRACTOR SHALL, AS PART OF HIS PROJECT SCHEDULE, SUBMIT TO THE ENGINEER AN ESTIMATE OF THE MONTHLY PAYMENTS EXPECTED TO BE RECEIVED ON THE CONTRACT. THIS WILL BE REFERENCED AS THE "MONTHLY PAYMENT CHART".~~

~~A CHART IN MICROSOFT EXCEL, MICROSOFT WORD, OR HAND WRITTEN FORMAT WILL BE ACCEPTABLE FOR THIS PURPOSE. THE CHART SHOULD INCLUDE, AS A MINIMUM, COLUMNS FOR MONTH, YEAR AND ESTIMATED MONTHLY PAYMENTS. THE TOTAL OF ALL ESTIMATED MONTHLY PAYMENTS SHOULD EQUAL THE AWARDED CONTRACT TOTAL BID PRICE.~~

~~THE ENGINEER MAY REQUEST AN UPDATED "MONTHLY PAYMENT CHART" AT HIS DISCRETION, DEPENDING ON THE ACCURACY OF THE INITIAL ESTIMATES AND ACCORDING TO THE OVERALL NEEDS OF THE DEPARTMENT.~~

~~THE "MONTHLY PAYMENT CHART" WILL NOT BE CONSIDERED A BINDING DOCUMENT BY EITHER THE CONTRACTOR OR THE DEPARTMENT AND IS CONSIDERED SOLELY INFORMATIONAL.~~

~~ON PROJECTS REQUIRING CPM SCHEDULES, THE CONTRACTOR MAY, BUT IS NOT REQUIRED TO, "COST LOAD" THE CPM SCHEDULE IN ORDER TO GENERATE THE MONTHLY SPEND PAYMENT CHART.~~

~~COSTS TO PREPARE AND/OR UPDATE THE "MONTHLY PAYMENT CHART" ARE ADDRESSED AS FOLLOWS:~~

~~A. ON CONTRACTS REQUIRING CPM SCHEDULES AND UPDATES, PREPARATION OF THE INITIAL CHART SHALL BE INCIDENTAL TO ITEM 763508. UPDATES SHALL BE INCIDENTAL TO ITEM 763509.~~

~~B. ON CONTRACTS NOT REQUIRING CPM SCHEDULES, THE COST TO PREPARE AND UPDATE THE "MONTHLY PAYMENT CHART" SHALL BE INCLUDED IN ITEM 763000 - INITIAL EXPENSE.~~

This note has been deleted because it has been incorporated into Section 108.04 of the Supplemental Specifications.

Delaware Department of Transportation
Approved Project Notes for Project Development Projects
Projects Using 2001 Standard Specifications

THE CONTRACTOR WILL CONTACT THE DELAWARE TMC AT 302-659-4600 PRIOR TO ANY UNMANNED AIRCRAFT VEHICLE (UAV) FLIGHTS. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE THE FOLLOWING INFORMATION: THE REGISTRATION NUMBER OF THE UAV, THE FLIGHT TIME, LOCATION OF THE FLIGHT, THE PILOT'S NAME AND THE PILOT'S CONTACT NUMBER DURING THE FLIGHT.

Approved for use.

Delaware Department of Transportation
Approved Project Notes for Project Development Projects
Projects Using 2001 Standard Specifications

Division 200 – Earthwork

~~THE CONTRACTOR SHALL REMOVE AND RESET ALL MAILBOXES TO MAINTAIN MAIL SERVICE AS DIRECTED BY THE ENGINEER. THE COST SHALL BE INCIDENTAL TO THE UNIT PRICE BID FOR ITEM 201000 – CLEARING AND GRUBBING.~~

This note has been deleted and replaced by the expanded version of the note included within this section.

THE CONTRACTOR SHALL REMOVE AND RESET ALL MAILBOXES TO MAINTAIN MAIL SERVICE AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL RELOCATE MAILBOXES AS REQUIRED BY THE PROPOSED GEOMETRICS AND AS DIRECTED BY THE ENGINEER. WHEN RELOCATING MAILBOXES IN CURBED SECTIONS, THE FACE OF THE MAILBOX SHALL BE FLUSH WITH THE BACK EDGE OF CURB. WHEN RELOCATING MAILBOXES IN OPEN SECTIONS, THE FACE OF THE MAILBOX SHALL SET BACK 8 INCHES FROM THE EDGE OF THE PAVED SHOULDER. THE BOTTOM OF THE MAILBOX SHALL BE POSITIONED IN ACCORDANCE WITH LATEST VERSION OF THE UNITED STATES POSTAL SERVICE GUIDELINES. MAILBOXES LOCATED AT DRIVEWAY ENTRANCES SHALL BE PLACED ON THE FAR SIDE OF THE DRIVEWAY IN THE DIRECTION OF TRAVEL. POSTS BEING RESET IN CONCRETE SIDEWALK SHALL BE PLACED IN AN APPROPRIATE SIZE PVC SLEEVE. ACCEPTABLE POST SHALL BE 4 INCH X 4INCH WOOD POST OR 4 INCH DIAMETER WOOD POST. FOR RELOCATING MULTIPLE MAILBOXES TOGETHER ALL POST SHALL BE SEPARATED BY A DISTANCE OF NO LESS THAN $\frac{3}{4}$ OF THEIR FULL HEIGHT ABOVE THE GROUND. MULTIPLE MAILBOXES ATTACHED TO A SINGLE HORIZONTAL BOARD SHALL NOT BE LOCATED INSIDE THE CLEARZONE. EACH MAIL BOX SHALL BE PLACED ON AN INDIVIDUAL POST MEETING THE CRITERIA ABOVE. ALL MAILBOXES SHALL BE SET NOT TO IMPEDE THE MINIMUM PAR (PEDESTRIAN ACCESS ROUTE) WIDTH AS DETERMINED BY THE CURRENT EDITION OF THE PEDESTRIAN ACCESSIBILITY STANDARDS FOR FACILITIES IN THE PUBLIC RIGHT OF WAY. IF MAILBOXES ARE NOT SET IN ACCORDANCE WITH THE ABOVE DIRECTIONS, RESETTING OF THE MAILBOXES WILL BE AT THE COST OF THE CONTRACTOR. COST FOR ALL WORK AND MATERIALS SHALL BE PAID UNDER ITEM 201000 – CLEARING AND GRUBBING.

Approved for use.

~~ALL TREES, STUMPS, AND ROOTMAT REMOVED UNDER 201000 SHALL BE ENTIRELY REMOVED REGARDLESS OF DEPTH. BURIAL OF ORGANIC MATTER WITHIN THE PROJECT LIMITS IS NOT PERMITTED. OPEN BURNING OF TREES, STUMPS, BRUSH, ETC. IS NOT PERMITTED. CHIPPED MATERIAL MUST BE REMOVED PRIOR TO PLACING EMBANKMENT OR TOPSOIL.~~

This note has been deleted because it has been incorporated into Section 201 of the Standard Specifications.

Delaware Department of Transportation
Approved Project Notes for Project Development Projects
Projects Using 2001 Standard Specifications

IN AREAS WHERE TREES OR SHRUBS WILL BE OVERHANGING THE PROPOSED SIDEWALK, PRUNING MAY BE NECESSARY TO ACHIEVE A VERTICAL CLEAR SPACE OF 10 FEET ABOVE THE PROPOSED SIDEWALK ELEVATION. THE CONTRACTOR SHALL PRUNE EXISTING TREE AND SHRUB BRANCHES, WHICH OVERHANG THE SIDEWALK, IN ACCORDANCE WITH I.S.A. STANDARDS. THE CONTRACTOR SHALL NOTIFY DELDOT'S ROADSIDE ENVIRONMENTALIST ADMINISTRATOR, BRIAN URBANEK (302) 760-2536 AND/OR HIS DESIGNEE, AT LEAST TWO (2) DAYS PRIOR TO THE PRUNING OPERATION. ALL COSTS ASSOCIATED WITH THE ABOVE WORK TO BE PAID UNDER ITEM 201000 – CLEARING AND GRUBBING.

Approved for use.

~~THE CONTRACTOR SHALL PROTECT TREES NOTED ON THE PLANS BY "DND" WITH CONSTRUCTION SAFETY FENCE ERECTED AT THE DRIP LINE OF THE TREES. PAYMENT TO PROTECT TREES WILL BE MADE UNDER ITEM 727520 – CONSTRUCTION SAFETY FENCE.~~

This note has been deleted because it has been incorporated into Section 201.03 of the specifications.

THE ENGINEER MAY REQUIRE THE CONTRACTOR TO EXCAVATE TEST PITS ALONG PROPOSED DRAINAGE RUNS, AT POINTS OF POSSIBLE UTILITY CONFLICTS, TO DETERMINE IF A CONFLICT EXISTS. ANY CONFLICTS SHALL BE COORDINATED BY THE CONTRACTOR, WITH THE ENGINEER AND THE UTILITY COMPANY INVOLVED. THE ENGINEER SHALL ULTIMATELY DETERMINE THE SOLUTION TO THE UTILITY CONFLICT. TEST HOLES SHALL BE MEASURED AND PAID FOR IN ACCORDANCE WITH ITEM 208000, BUT ONLY TO THE ACTUAL DEPTH EXCAVATED.

Note: A new item is being created for test holes and will eliminate the need for this note. Please check the Design Resource Center (DRC) for updated notes prior to advertisement.

~~EXISTING PROPERTY MONUMENTS THAT ARE DISTURBED OR DESTROYED DURING CONSTRUCTION SHALL BE LOCATED AND SET BY, OR UNDER THE SUPERVISION OF, A REGISTERED PROFESSIONAL ENGINEER OR LAND SURVEYOR LICENSED TO PRACTICE IN THE STATE OF DELAWARE. WHEN REPLACING DISTURBED OR DESTROYED MONUMENTS THE CONTRACTOR SHALL UTILIZE NEW MONUMENTATION OF COMPARABLE MATERIAL AND SIZE TO THE ORIGINAL MONUMENT WHICH MEET CURRENT STANDARDS FOR MONUMENTATION. THIS ALSO HOLDS TRUE FOR THE SETTING OF MONUMENTATION AT THE INTERSECTIONS OF NEW RIGHT OF WAY LINES AND PROPERTY LINES. PROPERTY MARKERS NOT INDICATED ON THE PLANS TO BE RELOCATED SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 107.09 OF THE STANDARD SPECIFICATIONS.~~

This note has been deleted because it has been incorporated into Section 107.09 of the specifications.

~~ALL DRAINAGE PIPES AND DRAINAGE INLETS SCHEDULED FOR REMOVAL SHALL BE PAID FOR UNDER ITEM 202000 EXCAVATION AND EMBANKMENT, REGARDLESS OF DEPTH.~~

This note has been deleted because it has been incorporated into Section 202.04 of the specifications.

~~BORROW TYPE A SHALL BE USED TO BACKFILL ALL UNDERCUT AREAS AS DIRECTED BY THE ENGINEER.~~

This note has been deleted because specification 212.05 already addresses this issue. Specification

Delaware Department of Transportation
Approved Project Notes for Project Development Projects
Projects Using 2001 Standard Specifications

212.05 requires the contractor to follow Section 202 when preparing the area that has been undercut.

~~ALL CAVITIES FORMED BY THE REMOVAL OF EXISTING OR TEMPORARY CONCRETE FOUNDATIONS FOR POLE BASES AND CABINET BASES SHALL BE BACKFILLED AND PAID UNDER ITEM 209003-BORROW TYPE 'C'.~~

This note has been deleted because specifications 211 and 202 already address the issue regarding the backfilling of cavities.

ITEMS TO BE REMOVED UNDER ITEM 211000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING: (A list of items should follow)

Approved for use.

~~THIS PROJECT IS COVERED UNDER AN NPDES GENERAL PERMIT FOR CONSTRUCTION. UNDER THE GENERAL PERMIT, COMPLIANCE WITH DELDOT'S APPROVED SEDIMENT AND STORMWATER MANAGEMENT PLANS WILL CONSTITUTE COMPLIANCE WITH THE NPDES INDUSTRIAL PERMITTING REQUIREMENTS FOR THIS CONSTRUCTION PROJECT. A COPY OF THE NPDES GENERAL PERMIT AND NOI IS KEPT ON FILE IN EACH OF THE CONSTRUCTION OFFICES AND THE DEPARTMENT'S STORMWATER SECTION. A COPY OF THE GENERAL PERMIT OR THE NOI CAN BE OBTAINED UPON REQUEST FROM EITHER THE DEPARTMENT'S STORMWATER ENGINEER OR THE APPROPRIATE CONSTRUCTION ENGINEER.~~

This note is still approved for use, but has been moved to Section 900 of the Standard Specifications to correspond to the re-write of the Standard Specifications.

Delaware Department of Transportation
Approved Project Notes for Project Development Projects
Projects Using 2001 Standard Specifications

Division 300 – Bases

- A. THE CONTRACTOR MAY ELECT TO USE ANY OF THE FOLLOWING MATERIALS TO MEET THE REQUIREMENTS OF ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B':
- a. CRUSHED STONE (PER STANDARD SPECIFICATION 821)
 - b. CRUSHED CONCRETE (PER STANDARD SPECIFICATION 821)
 - c. HOT-MIX MILLINGS (PER SPECIAL PROVISION 302514 MILLED HOT-MIX BASE COURSE)

THE CONTRACTOR WILL NOT BE ALLOWED TO MIX DIFFERENT MATERIALS (OR SIMILAR MATERIALS FROM DIFFERENT SOURCES) TO MEET THE REQUIREMENTS OF ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'.

ALL OF THE ABOVE LISTED MATERIALS ARE PERMITTED FOR USE ON THE JOB, PROVIDED THEY ARE SEPARATED INTO APPROVED AREAS. EACH AREA OF BASE COURSE MUST BE CONSTRUCTED USING MATERIALS FROM A SINGULAR SOURCE, FULL DEPTH, IN ORDER THAT PROPER TESTING MAY BE ACCOMPLISHED. THE CONTRACTOR AND DELDOT'S PROJECT ENGINEER SHALL AGREE ON THE LIMITS OF EACH SOURCE OF MATERIAL PRIOR TO PLACEMENT. HOT-MIX MILLINGS SHALL ONLY BE USED IN AREAS APPROVED BY THE ENGINEER LARGE ENOUGH TO ACCOMMODATE THE COMPACTION METHOD REQUIRED BY SPECIAL PROVISION 302514 UTILIZING A SHEEPSFOOT ROLLER (MINIMAL 50 TON STATIC ROLLER).

- B. THE QUANTITY USED FOR BASE OF EACH OF THE ABOVE LISTED MATERIALS WILL BE THE CONTRACTOR'S CHOICE, WITH THE TOTAL MEETING THE ADVERTISED QUANTITY OF ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'.

- C. THE CONTRACTOR MAY ALSO ELECT TO RECYCLE MILLINGS FOR USE IN HOT-MIX AS PERMITTED BY THE STANDARD SPECIFICATIONS. THE CHOICE OF THE QUANTITY OF MILLINGS USED FOR THIS PURPOSE, OR FOR BASE COURSE, LIES WITH THE CONTRACTOR. ALL MILLING MATERIAL SHALL BECOME PROPERTY OF THE CONTRACTOR.

- D. HOT-MIX MILLINGS MAY BE GENERATED FROM THE FOLLOWING SOURCES:
- a. MATERIAL MADE AVAILABLE WHEN MILLED ON THIS CONTRACT UNDER ITEM 760502.
 - b. MATERIAL MILLED ON THIS CONTRACT AT THE CONTRACTOR'S CHOICE UNDER ITEM 202000.
 - c. MILLED MATERIAL FURNISHED ON THE JOB FROM THE CONTRACTOR'S YARD OR OTHER OUTSIDE SOURCE.

ALL MILLED MATERIALS SHALL MEET THE MATERIAL REQUIREMENTS OF ITEM 302514 MILLED HOT-MIX BASE COURSE.

- E. PAYMENT CLARIFICATION:

- a. SHOULD THE CONTRACTOR ELECT TO MILL PORTIONS OF HOT-MIX SHOWN ON THE PLANS TO BE REMOVED UNDER ITEM 202000 - EXCAVATION AND EMBANKMENT THE COST OF MILLING THIS HOT-MIX WILL BE PAID AS ITEM 202000 - EXCAVATION AND EMBANKMENT. THE MILLINGS GENERATED MAY BE RECYCLED INTO HOT-MIX, UTILIZED FOR BASE COURSE, OR DISPOSED OF TO AN APPROVED SITE. HAULING COSTS FOR DISPOSAL AND/OR RECYCLING ARE INCIDENTAL TO ITEM 202000 - EXCAVATION AND EMBANKMENT.

Delaware Department of Transportation
Approved Project Notes for Project Development Projects
Projects Using 2001 Standard Specifications

- b. MILLINGS GENERATED UNDER ITEM 760502 - PAVEMENT MILLINGS, TAPERCUT MAY BE RECYCLED INTO HOT-MIX, UTILIZED FOR BASE COURSE OR DISPOSED OF BY THE CONTRACTOR TO AN APPROVED SITE. NO SEPARATE PAYMENT WILL BE MADE FOR TRANSPORTING MILLINGS ON SITE OR TO AN APPROVED DISPOSAL SITE.
- c. SHOULD THE CONTRACTOR ELECT TO TEMPORARILY STOCKPILE MILLINGS ON THE JOB SITE FOR LATER USE, ALL COSTS FOR STOCKPILING AND SUBSEQUENT REHANDLING SHALL BE INCIDENTAL TO ITEM 202000 - EXCAVATION AND EMBANKMENT.
- d. MILLINGS USED FOR BASE COURSE SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF SPECIAL PROVISION 302514 – MILLED HOT-MIX BASE COURSE. NO SEPARATE PAYMENT WILL BE MADE TO FURNISH MILLINGS FROM AN OUTSIDE SOURCE OR TRANSPORT MILLINGS WITHIN THE PROJECT LIMITS. MILLINGS USED FOR BASE COURSE WILL BE PAID IN PLACE AT THE UNIT BID PRICE FOR ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'.
- e. ALL COSTS TO UTILIZE MILLINGS IN RECYCLED HOT-MIX WILL BE INCIDENTAL TO THE UNIT PRICE BID FOR THE HOT-MIX ITEM USING THE RECYCLED MATERIAL.
- f. SPECIAL PROVISION 302514 MILLED HOT-MIX BASE COURSE IS PROVIDED TO SPECIFY THE MEANS OF LAY DOWN AND COMPACTION AS WELL AS THE MATERIAL REQUIREMENTS FOR MILLINGS USED AS BASE COURSE. ALL COSTS TO BRING THE MILLINGS INTO COMPLIANCE WITH THE REQUIREMENTS OF 302514 MILLED HOT-MIX BASE COURSE ARE INCIDENTAL TO ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'. NO PAYMENT WILL BE MADE FOR ITEM 302514 - MILLED HOT-MIX BASE COURSE. THE QUANTITY OF MILLINGS USED FOR BASE COURSE WILL BE PAID FOR UNDER ITEM 302007 - GRADED AGGREGATE BASE COURSE.

Approved for use. This note should only be used on projects that have the potential for reuse of the hot-mix material as millings. If this note is used, the designer shall verify that the District Maintenance Yard does not need millings and the use of note the Project Note which instructs the millings to be delivered to a Maintenance Yard is discouraged.

Delaware Department of Transportation
Approved Project Notes for Project Development Projects
Projects Using 2001 Standard Specifications

- A. THE USE OF MILLINGS AND GRADED AGGREGATE BASE COURSE (GABC) IN THE TRAVEL WAY, TEMPORARY TRAVEL WAY, HIGH VOLUME ENTRANCES AND ACCESS RAMP FOR THE PURPOSE OF PROVIDING A TEMPORARY ROADWAY SURFACE, POT HOLE REPAIR, TAPERED EDGE FOR UTILITIES, BUTT JOINTS, AND LONGITUDINAL DROP-OFFS (MILLING AND PAVING OPERATIONS) IS PROHIBITED UNLESS IT IS OTHERWISE DESIGNATED TO BE USED IN THE CONTRACT PLANS. USE COLD PATCH, BITUMINOUS CONCRETE, BITUMINOUS CONCRETE WEDGE, OR TAPER MILL, AS NOTED IN THE CONTRACT DOCUMENTS OR APPROVED BY THE ENGINEER. PAYMENT FOR COLD PATCH, BITUMINOUS CONCRETE OR BITUMINOUS CONCRETE WEDGE SHALL BE PAID AS NOTED IN THE CONTRACT DOCUMENTS. TAPER MILL BITUMINOUS CONCRETE SHALL BE PAID UNDER THE BITUMINOUS CONCRETE MILLING ITEM.
- B. MILLINGS OR GABC SHALL BE USED AT THE FOLLOWING LOCATIONS WHERE ACCESS TO A BUSINESS, RESIDENCE, OR EDGE DROP OFF NEEDS TO BE MAINTAINED UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE ENGINEER TO USE BITUMINOUS CONCRETE OR COLD PATCH. ALL MILLINGS AND GABC WILL BE ROLLED AND COMPACTED TO HELP PREVENT THE MATERIAL FROM UNRAVELLING:
- a. DRIVEWAYS
 - b. ENTRANCES
 - c. LOW VOLUME ACCESS RAMPS (IDENTIFIED IN THE CONTRACT DOCUMENTS)
 - d. EDGE DROP-OFFS ADJACENT TO LIVE ROADWAY(LANES AND SHOULDER) AND THE PROPOSED ROAD CONSTRUCTION
 - e. EDGE OF ROADWAY DROP-OFF

GRADING AND MAINTAINING BASE COURSE THAT IS BEING USED FOR ROADWAY WEDGE/FILLET BETWEEN TRAVEL LANES AND PAVEMENT BOX, EDGE OF TRAVELWAY, DRIVEWAY OR ENTRANCE ACCESS SHALL BE INCIDENTAL TO ITEM NO. 743000 - MAINTENANCE OF TRAFFIC. THE BASE COURSE MATERIAL SHALL BE PLACED AT NO GREATER THAN THE SLOPE SPECIFIED IN TABLE 6G-1 AND SHALL BE COMPACTED. EXCESS BASE COURSE MATERIAL SHALL BE PUSHED AHEAD AND USED IN THE NEXT SEGMENT AND SHALL BE INCIDENTAL TO THE PARTICULAR BASE COURSE PAY ITEM. NO SEPARATE PAYMENT SHALL BE MADE FOR MILLINGS OR GABC TEMPORARY ROADWAY MATERIAL (TRM) USED TO PROTECT EDGE DROP-OFFS, UNLESS THE MATERIAL IS EVENTUALLY UTILIZED AS PART OF A PERMANENT ROADWAY AT WHICH TIME THE MATERIAL WOULD BE PAID FOR UNDER THE RESPECTIVE CONTRACT MATERIAL ITEM.

VERTICAL DIFFERENCES SHALL BE CORRECTED IN ACCORDANCE WITH TABLE 6G-1 OF THE DELAWARE MUTCD.

Approved for use.

Delaware Department of Transportation
Approved Project Notes for Project Development Projects
Projects Using 2001 Standard Specifications

Division 400 – Bituminous Pavements

THE PAVEMENT SECTION FOR FLEXIBLE PAVEMENT RESIDENTIAL DRIVEWAYS SHALL BE 2" WARM-MIX, TYPE 'C' OVER 8" GRADED AGGREGATE BASE COURSE, TYPE 'B', UNLESS OTHERWISE NOTED ON THE PLANS.

Approved for use.

Delaware Department of Transportation
Approved Project Notes for Project Development Projects
Projects Using 2001 Standard Specifications

Division 600 – Structures

THE DEPARTMENT AND THE CONTRACTOR SHALL INSPECT ALL EXISTING PIPES AND DRAINAGE STRUCTURES TO BE USED IN THE FINAL DRAINAGE SYSTEM AND AGREE ON THE CONDITION PRIOR TO THE START OF CONSTRUCTION. EXISTING PIPES AND DRAINAGE STRUCTURES DAMAGED DUE TO CONTRACTOR OPERATIONS SHALL BE REPAIRED OR REPLACED IN-KIND AT THE CONTRACTOR'S EXPENSE. THE DEPARTMENT WILL VIDEO INSPECT NEW PIPE RUNS TO CONFIRM CONDITION PRIOR TO ACCEPTANCE. PIPE CLEANING PRIOR TO VIDEO INSPECTION AND MAINTENANCE OF TRAFFIC DURING THE VIDEO INSPECTION ARE THE RESPONSIBILITY OF THE CONTRACTOR AND INCIDENTAL TO THE PIPE ITEM THAT IS BEING VIDEO INSPECTED.

Approved for use.

Delaware Department of Transportation
Approved Project Notes for Project Development Projects
Projects Using 2001 Standard Specifications

Division 700 – Miscellaneous Construction

IN AREAS WHERE PROPOSED CURB MEETS EXISTING CURB AND THE TWO CURB TYPES ARE NOT SIMILAR, THE PROPOSED CURB SHALL BE TRANSITIONED IN 10 LINEAR FEET, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK, INCLUDING SAW CUTTING EXISTING CURB SHALL BE INCIDENTAL TO THE PROPOSED CURB ITEM.

Approved for use.

WHERE PROPOSED CONCRETE SIDEWALK IS CONSTRUCTED TO MEET EXISTING SIDEWALK, THE EXISTING SIDEWALK SHALL BE SAWCUT AT THE TIE-IN POINT OR MEET THE NEAREST EXISTING SIDEWALK JOINT. ALL SAW CUTTING SHALL BE FULL DEPTH, UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR UNDER ITEM 762002 - SAWCUTTING, CONCRETE, FULL DEPTH.

Approved for use.

PORTLAND CEMENT CONCRETE CHANNELIZING ISLANDS THAT ARE LESS THAN 75 SQ FT MAY BE Poured MONOLITHICALLY, OR AS DIRECTED BY THE ENGINEER.

Approved for use.

STATION AND ELEVATION DATA GIVEN FOR DRAINAGE STRUCTURES ARE TO BE APPLIED TO THE CENTER OF THE GRATE FOR INLETS AND TO THE CENTER OF THE STRUCTURE FOR JUNCTION BOXES AND MANHOLES.

Approved for use.

DRAINAGE INLET GRATES ADJACENT TO THE ROAD, WITHIN THE PROJECT LIMITS, WHICH ARE NOT TYPE 1 OR TYPE 4, SHALL BE REPLACED. THE ACTUAL LOCATIONS, THE NEED FOR ANY GRATE MODIFICATIONS OR FOR NEW FRAMES SHALL BE DETERMINED BY THE ENGINEER. ALL REPLACED GRATES/FRAMES SHALL BE DELIVERED TO THE NEAREST DISTRICT MAINTENANCE YARD WITH THE COST OF DELIVERY INCIDENTAL TO ITEM 708060 - REPLACING DRAINAGE INLET GRATE(S). FINAL PAYMENT FOR REPLACED GRATES/FRAMES SHALL NOT BE MADE UNTIL RECEIPT OF DELIVERED MATERIALS IS PRODUCED, SIGNED BY A DELDOT MAINTENANCE YARD SUPERVISOR.

Approved for use.

Delaware Department of Transportation
Approved Project Notes for Project Development Projects
Projects Using 2001 Standard Specifications

THE NEW CASTLE COUNTY DEPARTMENT OF PUBLIC WORKS SHALL SUPPLY AND THE STATE'S CONTRACTOR SHALL INSTALL NEW SELF SEALING MANHOLE FRAMES AND COVERS ON ALL COUNTY SEWER MANHOLES THAT ARE NOT BEING RELOCATED, WITHIN THE PROJECT LIMITS IN ACCORDANCE WITH THE COUNTY'S STANDARD SPECIFICATIONS. THE EXISTING MANHOLE FRAMES AND COVERS THAT ARE REMOVED SHALL BECOME THE PROPERTY OF THE STATE'S CONTRACTOR. PAYMENT SHALL BE INCIDENTAL TO ITEM 710506 - ADJUST AND REPAIR EXISTING SANITARY SEWER MANHOLE.

Approved for use. This project note should be used only on New Castle County projects where sanitary sewer manholes are within the project limits.

~~PERTAINING TO THE MILLING OPERATIONS, THE REMOVAL AND CLEANUP OF THE HOT MIX RESIDUE WEDGE LEFT FROM THE MILLING OPERATIONS ALONG CURB LINES, ADJACENT TO SPEED HUMPS, ACROSS INTERSECTING STREETS, AND AT THE BEGINNING AND ENDING POINTS OF THE MILLING OPERATION, SHALL BE INCIDENTAL TO THE MILLING ITEM.~~

This note has been deleted because it has been incorporated into Section 760.04 of the specifications.

THE CONTRACTOR SHALL DELIVER ALL EXCESS MILLED MATERIAL TO THE DELAWARE DEPARTMENT OF TRANSPORTATION'S (Fill in yard name) MAINTENANCE YARD. THE MATERIAL SHALL BE NEATLY STOCKPILED AT THE YARD. COSTS FOR THIS WORK SHALL BE INCIDENTAL TO THE MILLING ITEM UTILIZED FOR PAYMENT ON THE CONTRACT.

Approved for use. The designer shall contact the appropriate district Maintenance Engineer to determine if the excess millings are wanted and the location where they are to be delivered. Designer must also verify that millings are not to be reused on the contract.

ALL PAVED AREAS TO BE RECONSTRUCTED OR WIDENED SHALL BE SAWCUT AT THE POINT WHERE THE NEW PAVEMENT IS TO TIE INTO THE EXISTING PAVEMENT.

Approved for use.

~~PERTAINING TO THE MILLING OPERATIONS, THE REMOVAL AND CLEANUP OF THE HOT MIX RESIDUE WEDGE LEFT FROM THE MILLING OPERATIONS ALONG CURB LINES, ADJACENT TO SPEED HUMPS, ACROSS INTERSECTING STREETS, AND AT THE BEGINNING AND ENDING POINTS OF THE MILLING OPERATION, SHALL BE INCIDENTAL TO THE MILLING ITEM.~~

This note has been deleted because it has been incorporated into Section 760.04 of the specifications.

~~ALL HOT MIX SAW CUTTING SHALL BE FULL DEPTH, UNLESS OTHERWISE NOTED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.~~

This note has been deleted because it has been incorporated in Section 762.02 of the specifications. (See supplemental specifications)

Delaware Department of Transportation
Approved Project Notes for Project Development Projects
Projects Using 2001 Standard Specifications

~~TUBULAR MARKERS MEETING THE REQUIREMENTS OF ITEM 720611 - FLEXIBLE DELINEATOR, PERMANENT SHALL BE INSTALLED ON THE CORNERS OF ISLANDS NOT OFFSET THE FULL WIDTH OF THE SHOULDER ADJACENT TO THE ROADWAY. THE COST OF PROVIDING AND INSTALLING THE TUBULAR MARKERS SHALL BE INCIDENTAL TO THE ISLAND CURBING ITEM BEING CONSTRUCTED. NO ADDITIONAL PAYMENT WILL BE MADE UNDER ITEM 720611 - FLEXIBLE DELINEATOR, PERMANENT.~~

This note has been deleted because it has been incorporated into the Special Provision for item 705530 - Triangular Channelizing Islands.

Delaware Department of Transportation
Approved Project Notes for Project Development Projects
Projects Using 2001 Standard Specifications

Division 900 – Erosion, Sediment and Stormwater Management Practices

THIS PROJECT IS COVERED UNDER AN NPDES GENERAL PERMIT FOR CONSTRUCTION. UNDER THE GENERAL PERMIT, COMPLIANCE WITH DELDOT'S APPROVED SEDIMENT AND STORMWATER MANAGEMENT PLANS WILL CONSTITUTE COMPLIANCE WITH THE NPDES INDUSTRIAL PERMITTING REQUIREMENTS FOR THIS CONSTRUCTION PROJECT. A COPY OF THE NPDES GENERAL PERMIT AND NOI IS KEPT ON FILE IN EACH OF THE CONSTRUCTION OFFICES AND THE DEPARTMENT'S STORMWATER SECTION. A COPY OF THE GENERAL PERMIT OR THE NOI CAN BE OBTAINED UPON REQUEST FROM EITHER THE DEPARTMENT'S STORMWATER ENGINEER OR THE APPROPRIATE CONSTRUCTION ENGINEER.

Approved for use. This project note should be used on all projects which involve disturbing 5,000 SF or more of land.

Delaware Department of Transportation
Approved Project Notes for Project Development Projects
Projects Using 2001 Standard Specifications

Miscellaneous Notes

THE CONTRACTOR SHALL CONTACT WILLIAM LOTHARP, THE CHIEF OF SCHEDULING FOR DART FIRST STATE, 14 DAYS PRIOR TO THE START OF CONSTRUCTION AT 302-576-6006.

Approved for use.

~~CROSS SECTIONS USED IN THE PREPARATION OF THIS CONTRACT ARE AVAILABLE FROM THE DEPARTMENT.~~

This note has been deleted. This note has been added to the "General Notes" section on the "NOTES" sheet.

~~RIGHT-OF-WAY PLANS FOR RIGHT-OF-WAY OR EASEMENT STAKEOUT PURPOSES ARE AVAILABLE FROM THE DEPARTMENT.~~

This note has been deleted. This note has been added to the "General Notes" section on the "NOTES" sheet.

REFER TO THE CONSTRUCTION PLAN SHEETS FOR THE LOCATION OF THE CLEAR ZONE AREA LIMITS.

Approved for use.

~~SEE ENVIRONMENTAL COMPLIANCE PLANS FOR ENVIRONMENTAL RESTRICTIONS AND/OR GUIDANCE ASSOCIATED WITH THIS PROJECT.~~

This note has been deleted. This note was only to be used during the "break-in" period for the Environmental Compliance plans.

ANY STAGING AND/OR STOCKPILE AREA(S) OUTSIDE THE PROJECT'S LIMIT OF CONSTRUCTION (LOC) THAT INDIVIDUALLY OR CUMULATIVELY ARE LARGER THAN 10,000 SQUARE FEET, MUST BE APPROVED BY DELDOT'S ARCHAEOLOGIST. CONTACT THE CONSTRUCTION AREA ENGINEER WHO WILL COORDINATE WITH DELDOT'S ARCHAEOLOGIST.

WITHIN 30 DAYS, DELDOT WILL;

- 1) APPROVE THE USE OF THE PROPOSED STAGING AND STOCKPILE AREA(S);
- 2) REJECT THE REQUEST; OR
- 3) PERFORM AN ARCHAEOLOGICAL SURVEY TO DETERMINE WHETHER TO APPROVE OR REJECT THE REQUEST, WHICH MAY TAKE UP TO 3 MONTHS. IF AN ARCHAEOLOGICAL SURVEY IS NECESSARY, DELDOT OR A CONSULTANT ON ITS BEHALF WILL UNDERTAKE THE SURVEY.

Approved for use.